

AMENDMENTS TO THE CLAIMS

IN THE CLAIMS:

Please amend the claims as follows:

10. (Once Amended) An electricity generating system, comprising:
a body;
a combustor provided in said body;
a turbine made of a plurality of turbine blades secured to a rotor, provided in said body and in fluid communication with said combustor;
a compressor chamber provided in said body and in fluid communication with said combustor;
a plurality of compressor blades secured to said rotor, said compressor blades positioned within a compressor chamber;
an air inlet port in fluid communication with said compressor chamber;
an exit port in fluid communication with said turbine;
a plurality of magnets secured to said rotor;
a stator made of a magnetically attracted material provided in said body, said stator positioned in close proximity to said plurality of magnets whereby rotation of said rotor causes a change in flux about said stator thereby generating electricity;
a fuel pump in fluid communication with said annular combustor;
a bearing for rotatably supporting said rotor;
a lubricating oil pump in fluid communication with said bearing; and
an electric motor coupled to said fuel pump and said lubricating oil pump
wherein said fuel pump and said lubricating oil pump are driven by said motor; and
a fluid metering valve.

13. (Once Amended) An electricity generating system as claimed in claim 11, wherein each of said positive displacement pumps is of the gerotor-~~generator~~ type, wherein each of said inner rotors coacts with an outer rotor positioned between said casing and said inner rotor, and a shaft is coupled to at least one of said inner rotors and said electric motor.

41. (Once Amended) An electricity generating system, comprising:
a body;
a combustor provided in said body;
a turbine made of a plurality of turbine blades secured to a rotor, provided in said body and in fluid communication with said combustor;
a compressor chamber provided in said body and in fluid communication with said combustor;
a plurality of compressor blades secured to said rotor, said compressor blades positioned within a compressor chamber;
an air inlet port in fluid communication with said compressor chamber;
an exit port in fluid communication with said turbine;
a plurality of magnets secured to said rotor;
a stator made of a magnetically attracted material provided in said body, said stator positioned in close proximity to said plurality of magnets whereby rotation of said rotor causes a change in flux about said stator thereby generating electricity;
a fuel pump in fluid communication with said combustor; and
means to modulate said fuel flow if the exhaust temperature exceeds a predetermined maximum temperature for a predetermined period.

57. (Once Amended) An electricity generating system, comprising:
a body;
a combustor provided in said body;
a turbine having a plurality of turbine blades secured to a rotor, provided in said body and in fluid communication with said combustor;
a compressor chamber provided in said body and in fluid communication with said combustor;
a plurality of compressor blades secured to said rotor, said compressor blades positioned within a compressor chamber;
an air inlet port in fluid communication with said compressor chamber;
an exit port in fluid communication with said turbine;
a plurality of magnets ~~at least one magnet~~ secured to said rotor; and

a stator made of a magnetically attracted material provided in said body, said stator positioned in close proximity to said at least one magnet whereby rotation of said rotor causes a change in flux about said stator thereby generating electricity; and
a fluid metering valve.

60. (New) An electricity generating system as claimed in claim 10,
wherein said fluid metering valve includes a plunger to vary the fuel flow from said inlet to
said outlet of the fuel metering valve.

61. (New) An electricity generating system as claimed in claim 10,
wherein said fluid metering valve has an inlet and an outlet, wherein said valve is in fluid
communication with said combustor and wherein said metering valve comprises a
proportional solenoid which operates a plunger to vary the fuel flow from said inlet to said
outlet of the fuel metering valve.

62. (New) An electricity generating system as claimed in claim 57,
wherein said wherein said fluid metering valve includes a plunger to vary the fuel flow from
said inlet to said outlet of the fuel metering valve.

63. (New) An electricity generating system as claimed in claim 57,
wherein said fluid metering valve has an inlet and an outlet, wherein said valve is in fluid
communication with said combustor and wherein said metering valve comprises a
proportional solenoid which operates a plunger to vary the fuel flow from said inlet to said
outlet of the fuel metering valve.